

## MS/MS Parameters of Pesticides

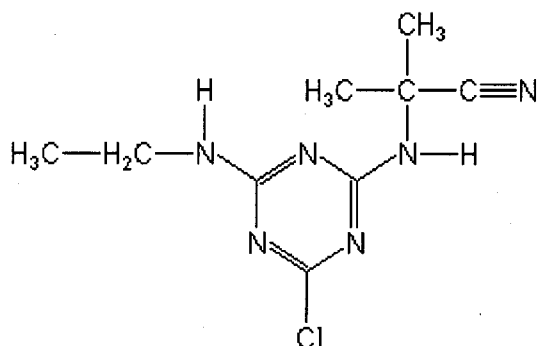
### Analyte: Cyanazine

CAS No.: 21725-46-2

Formula: C<sub>9</sub>H<sub>13</sub>ClN<sub>6</sub>

Molecular mass (lowest isotopes): 240,09 amu

Structure:



Ionisation: ESI +

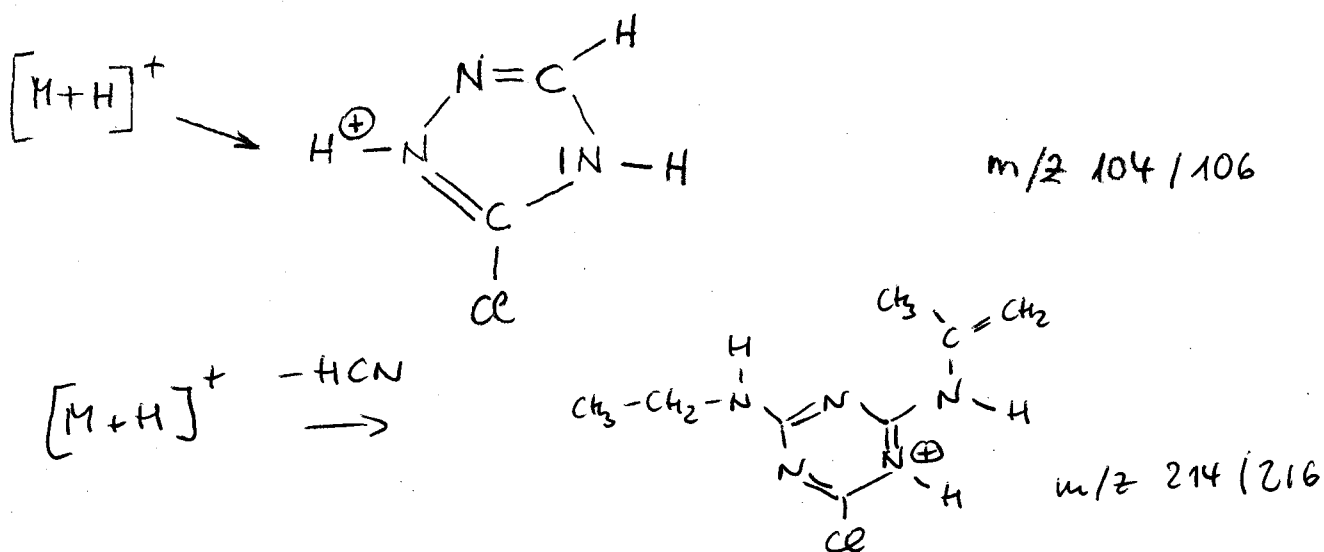
Quasimolecular ion: 241,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

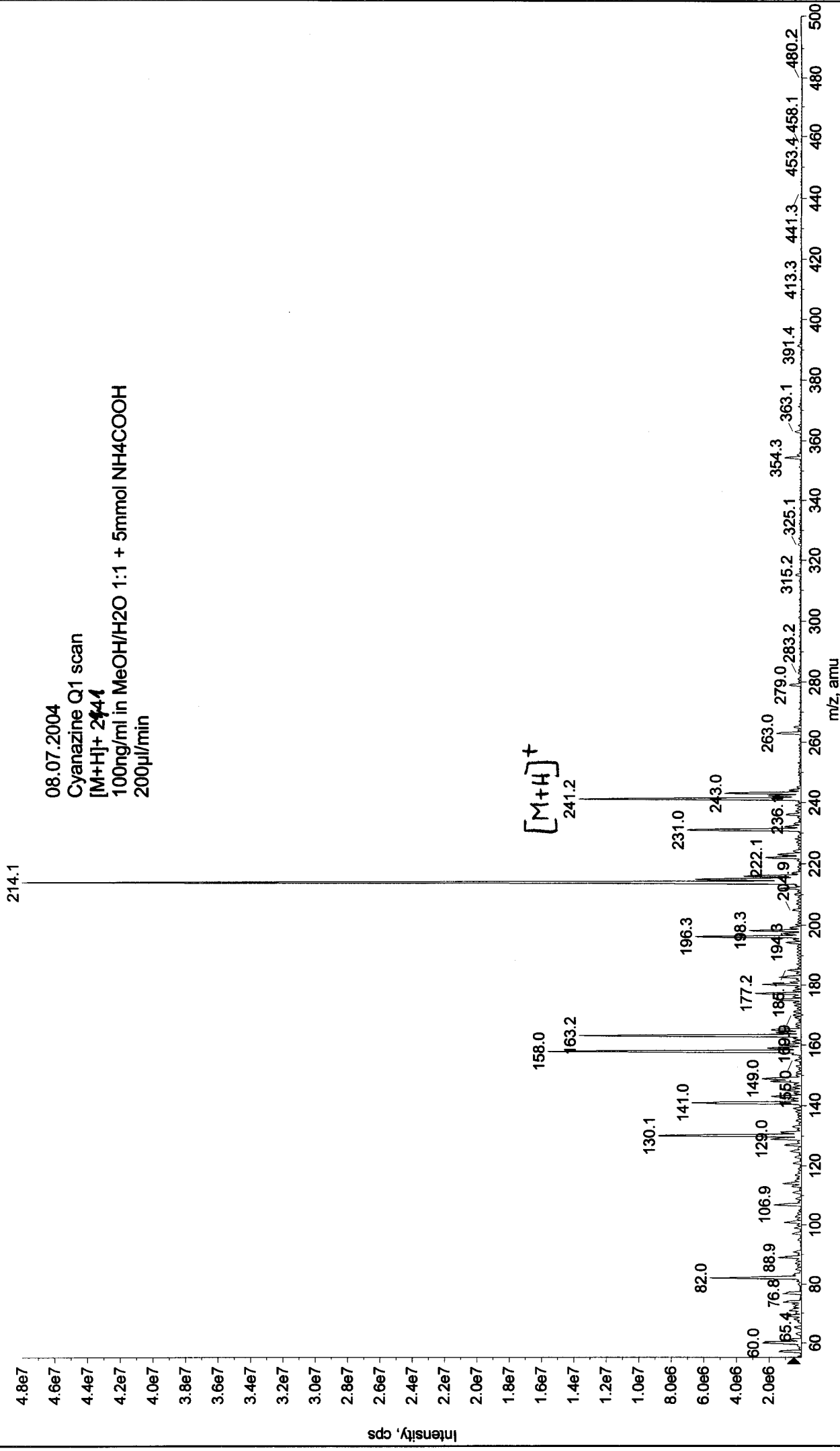
Transition	241,1 → 214,1	241,1 → 104,1
Declustering potential (DP) <sup>*)</sup>	39 V	39 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12,0 V	10,0 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	23 V	41 V
Collision cell exit potential (CXP)	12 V	4 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040708103611.wiff (Turbo Spray) Max. 4.8e7 cps



Max. 1.1e6 cps.

+MS2 (241.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040708103840.wiff (Turbo Spray)

08.07.2004  
Cyanazine Q3 scan 241 -> 214  
[M+H]<sup>+</sup> 241  
100ng/ml in MeOH/H<sub>2</sub>O 1:1 + 5mmol NH<sub>4</sub>COOH  
200µl/min

